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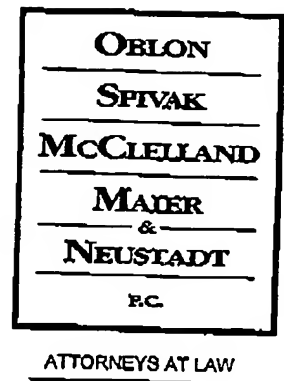
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on Date: 1/20/06Signature: Thomas M. Cunningham  
Thomas M. CunninghamTotal number of pages including this page: 10OSMM&N File No. 246285US0X DIVDept: ChemicalBy: NFO/TMC/lrsSerial No. 10/727,516In the matter of the Application of: Douwe MOLENAAR, et al.For: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE mdhA GENEDue Date: n/a

- ☐ Dep. Acct. Order Form
- ☐ PTO Cover Letter
- ☐ Amendment and Request for Reconsideration

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Docket No.: 246285US0X DIV

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/727,516  
Applicants: Dourwe MOLENAAR, et al.  
Filing Date: December 5, 2003  
For: NUCLEOTIDE SEQUENCES WHICH CODE FOR  
THE mdhA GENE  
Group Art Unit: 1652  
Examiner: C. Fronda

SIR:


Attached hereto for filing are the following papers:

**Amendment and Request for Reconsideration**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

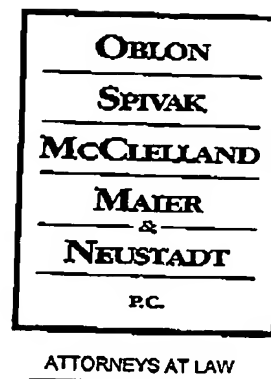
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Thomas M. Cunningham  
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ALEXANDRIA, VIRGINIA 22313

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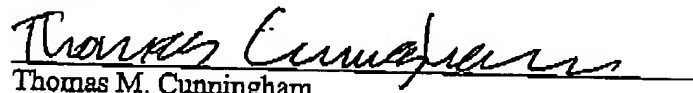
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DOCKET NO: 246285US0X DIV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

DOUWE MOLENAAR, ET AL.

SERIAL NO: 10/727,516

FILED: DECEMBER 5, 2003

FOR: NUCLEOTIDE SEQUENCES  
WHICH CODE FOR THE MDHA  
GENE

:

: GROUP ART UNIT: 1652

:

: EXAMINER: C. FRONDA

:

AMENDMENT & REQUEST FOR RECONSIDERATION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Further to the Amendment filed November 10, 2005 and the telephone conversation with Examiner Fronda on January 12, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.